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### CORNELL NOTETAKING

<u>Subtopic/Key Words</u>	<u>Main Ideas/Supporting Ideas</u>
Use the wheel for transportation	<ul style="list-style-type: none"><li>• Used in Mesopotamia C. 3250 B.C.E</li><li>• Possible first used to create pottery</li><li>• Used for easier movement of items like plough, carts, war chariots</li><li>• Used animals like donkey and oxen to pull</li></ul>
Improve pottery making process	<ul style="list-style-type: none"><li>• Use a kiln: oven that's enclosed used to make bricks and pottery</li><li>• Kiln can reach temp.</li><li>• High temperature allow bricks and pottery to become tough and hard vs. sun dried bricks</li></ul>
Produce large amount of copper used to make tools and weapon	<ul style="list-style-type: none"><li>• Stronger tools created mixing copper and tin to make bronze</li><li>• Improve tools strength allow for making superior boats and land transportation (size, strengths)</li><li>• Allow to trade to far away places</li></ul>
Irrigate Fields	<ul style="list-style-type: none"><li>• First carried water from rivers</li><li>• Dug channels and canals allowing water to flow directly to their fields</li></ul>
Study of the stars	<ul style="list-style-type: none"><li>• Priest measure the best time for tilling fields and planting and harvesting crops</li><li>• Created calendar had 2 seasons winter and summer</li><li>• Calendar was based on the phase of the moon, it has 12 months and 30 days</li></ul>
Develop Engineering Skills	<ul style="list-style-type: none"><li>• Use math to make big temples, dikes, ditches and canal</li><li>• Created a number system that we still used</li></ul>
Develop an efficient numerical system	<ul style="list-style-type: none"><li>• Need to keep track of money activities</li><li>• Developed a system that separates symbol of items and how much it cost</li></ul>
Connections and Reflections (Summary)	<p>The legacy of Sumerians are things they left behind either their knowledge of how they do things or the object that they used to make their life easier. These are some of the things that Sumerians left behind that we still use today, wheels for transportation, knowledge of studying the stars and tools they used for irrigating fields.</p>